| Ref<br># | Hits   | Search Query                                          | DBs                                                     | Default<br>Operator | Plurals | Time Stamp       |
|----------|--------|-------------------------------------------------------|---------------------------------------------------------|---------------------|---------|------------------|
| S1       | 14     | "1042181"                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/06/15 16:14 |
| S2       | 3      | "01042181"                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/06/15 16:15 |
| S3       | 0      | 10-042181                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/06/15 16:15 |
| S4       | 5      | "10042181"                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/06/15 16:27 |
| S5       | 271    | 348/246,247.ccls.                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/06/15 16:49 |
| S6       | 8696   | (defect\$3 or dead or fault\$3 or bad)<br>near4 pixel | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/06/15 16:50 |
| S7       | 129897 | memory with stor\$3 with address\$3                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/06/15 16:50 |
| S8       | 137    | S6 same S7                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/06/15 16:50 |
| S9       | 37     | S5 and S8                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/06/15 16:50 |

| S10 | 60830  | (defect\$3 or dead or fault\$3 or bad) with (pixel or sens\$3)                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/16 11:23 |
|-----|--------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|-----|------------------|
| S11 | 330009 | (memory or storage or RAM) with image                                                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/16 08:58 |
| S12 | 100790 | (defect\$3 or dead or fault\$3 or bad)<br>near4 (location or position or<br>coordinate or data) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/16 08:59 |
| S13 | 1986   | S11 same S12                                                                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/16 09:00 |
| S15 | 198    | 348/246.ccls.                                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/16 09:00 |
| S16 | 103    | 348/247.ccls.                                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/16 09:00 |
| S17 | 271    | S15 or S16                                                                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/16 09:00 |
| S18 | 83     | S13 and S17                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/16 09:00 |
| S19 | 2      | ("4,701,784").PN.                                                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/16 09:50 |
| S20 | 2      | ("7034872").PN.                                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/16 09:50 |

| S21 | 9      | ("4237488"   "4600946"   "4654714"<br>  "4805023"   "5047863"  <br>"5796430"   "5805216"   "6611288"<br>  "6618084").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/06/16 11:11 |
|-----|--------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|-----|------------------|
| S22 | 3      | ("6618084").PN.                                                                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/16 11:21 |
| S24 | 1079   | 348/222.1.ccls.                                                                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/16 11:22 |
| S25 | 705    | 348/241.ccls.                                                                                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/16 11:21 |
| S26 | 1744   | S24 or S25                                                                                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/16 11:22 |
| S27 | 84929  | (defect\$3 or dead or fault\$3 or bad<br>or hot) with (pixel or sens\$3)                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/16 11:24 |
| S28 | 134401 | shift\$3 same compar\$4                                                                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/16 11:25 |
| S29 | 3359   | S27 and S28                                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/16 11:26 |
| S30 | 1983   | S26 or (348/246,247.ccls.)                                                                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/16 11:26 |
| S31 | 48     | S29 and S30                                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/16 13:50 |

|     |        | LASI Searc                                                   | sco. y                                                  |    |    |                  |
|-----|--------|--------------------------------------------------------------|---------------------------------------------------------|----|----|------------------|
| S32 | 339144 | memory with (partition\$3 or portion or area or region)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/16 13:50 |
| S33 | 8981   | (defect\$3 or dead or bad or fault\$2<br>or hot) near4 pixel | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/16 14:53 |
| S34 | 170    | S32 same S33                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/16 13:51 |
| S35 | 104    | S34 same (image or frame)                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/16 14:49 |
| S36 | 48743  | "358"/\$.ccls.                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/16 14:51 |
| S37 | 53030  | "382"/\$.ccls.                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/16 14:51 |
| S38 | 116757 | "250"/\$.ccls.                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/16 14:52 |
| S39 | 209988 | S36 or S37 or S38                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/16 14:52 |
| S40 | 1730   | S39 and S33                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/16 15:27 |
| S43 | 7408   | shift\$3 same compar\$5 same address                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/16 15:29 |

| S44 | 12    | S40 and S43                                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/16 15:29 |
|-----|-------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|-----|------------------|
| S45 | 354   | memory with defect\$3 near3 pixel with (image or frame)                                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/16 16:47 |
| S46 | 126   | S45 and "348"/\$.ccls.                                                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/17 10:40 |
| S47 | 2     | ("4983185").PN.                                                                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/17 10:35 |
| S48 | 2     | ("4893185").PN.                                                                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/17 10:35 |
| S49 | 13    | ("4893185").URPN.                                                                                                        | USPAT                                                   | OR | ON  | 2006/06/17 10:35 |
| S50 | 103   | 348/247.ccls.                                                                                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/17 10:40 |
| S51 | 9     | ("4167754"   "4392157"   "4400734"<br>  "4524390"   "4600946"  <br>"4628352"   "4654714"   "4703442"<br>  "4739495").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/06/17 10:48 |
| S52 | 198   | 348/246.ccls.                                                                                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/17 10:58 |
| S53 | 349   | 348/273.ccls.                                                                                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/17 11:22 |
| S54 | 72012 | (defect\$3 or dead or bad or fault\$2 or false or hot) with (pixel or sensor)                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/17 11:23 |

| S55 | 51  | S53 and S54                                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON <sub>.</sub> | 2006/06/17 11:25 |
|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|-----------------|------------------|
| S56 | 550 | 382/300.ccls.                                                                                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON              | 2006/06/17 11:25 |
| S57 | 45  | S54 and S56                                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON              | 2006/06/17 11:25 |
| S58 | 80  | (gen near2 sasaki).in.                                                                                                                          | US-PGPUB;<br>USPAT                                      | OR | ON              | 2006/06/17 11:34 |
| S59 | 3   | (process\$3 and image and defect\$3 and memory and real adj1 time and (compensat\$4 or correct\$3) and address\$2 and memory and match\$3).clm. | US-PGPUB                                                | OR | ON              | 2006/06/17 11:37 |